

## Desktops - Howard G45N1 with TV Tuner

### Watch live TV and movies on your PC, anytime

Howard's new all-in-one desktop computer, the G45N1, really has it all! Not only does this PC offer full computing capabilities, HDMI, and high-speed connectivity, but it also features an integrated TV Tuner that turns it into a powerful TV. Watch and record live TV, anytime; download TV schedule guides, and watch Internet TV. Included with the G45N1, the Windows Media Center remote feature enables you to record, change channels, and browse through a guide easily. You will be amazed at the high-quality video playback, with sharper images and richer color. Centralize your entertainment with Howard's G45N1, and never miss a favorite show again!



Howard Technology Solutions recommends genuine Microsoft® Windows® 7 Professional.

#### The Howard Advantage!

With every Howard product purchase, you receive the following for **FREE!**

- ✓ Phone and web tech support for the LIFE of your system
- ✓ 100% US-based, English-speaking customer support 24/7/365
- ✓ Phone hold times < 1 minute

Experience the **Howard difference.**



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Feature	Description
Internal TV Tuner	Howard's G45N1 with integrated TV Tuner allows users to watch and record live TV. With Windows 7 Media Center, users can download TV schedule guides, view Internet TV, and use the system as a DVR. The TV Tuner supports the following formats: HYBRID ATSC/CLEAR-QAM/ANALOG TV
Integrated Intel® Graphics	The G45N1 provides a rich new media experience for users with its integrated Intel® GMA X4500HD graphics package that enables full 1080p high-definition video playback.
Integrated HDMI	The G45N1 monitor can be used for any number of devices with HDMI connections, such as video game consoles. This feature requires that the G45N1 be powered ON to power the LCD display.
Intel® Socket 775	The G45N1 has support for Intel® Core™ 2 Duo, Pentium® Dual-Core, Celeron® Dual-Core, and Celeron® processors.
Integrated Gigabit NIC	An integrated Gigabit network port enables high-speed network connectivity.
Touch Panel	A high quality, accurate Touch Panel transforms the G45N1 monitor into an interactive display screen.
Webcam	1.3 megapixel webcam

**HOWARD**<sup>™</sup>  
TECHNOLOGY SOLUTIONS

Experience the **Howard advantage.**

Buy online at [www.Howard.com](http://www.Howard.com) or call us at 888.912.3151.

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Feature	Specifications
Chipset	Intel® G45 +ICH10
Supported Operating Systems	Microsoft® Windows® 7 64 bit Professional/ Ultimate
Supported Processor Families	Intel® Core™ 2 Duo, Pentium® Dual-Core, Celeron® Dual-Core, and Celeron®
System Memory	Up to 8 GB of dual-channel DDR2 (2 slots)
TV Tuner	Integrated TV Tuner
Video	Intel® GMA X4500HD
Audio	5.1 Channel High-definition
Webcam	1.3 megapixel webcam
Network	802.11 b/g wifi/ integrated Gigabit LAN Optional: 802.11 N
Internal Ports	IDE=0; Floppy= 0; SATA= 2; Mini PCI-e= 2; Trusted Platform Module available
External Ports (Rear Panel)	Serial=0; ESATA=1 rear; Parallel=0; PS/2=0; USB=6 (2 rear, 4 side); 1394=0; Card Reader= 1 (side-mounted); LAN 1 type 10/100/1000 Audio=4 (Side=1 Spk Out/ 1 Mic In; Rear=1 Mic In/1 Spk Out); HDMI=1; The optical audio output allows users to connect the audio stream from the G45N1 to a stereo receiver, if desired.

Chassis	Specifications
<b>G45N1 all-in-one</b> <ul style="list-style-type: none"> <li>• Dimensions</li> <li>• Drive Bays</li> <li>• Front Panel</li> <li>• PSU</li> </ul>	19"(H) x 22"(W) x 2.5"(L) 3.5" Drive Bays: Internal=1 Slim Drive Bays: External=1 Front Panel (side): USB=4 (Audio=1 Line Out/Mic In) PSU: 200W

**Q: What is the Intel® X4500HD?**

A: The X4500HD is one of Intel's latest integrated graphics chipsets that features 3D enhancements enabling greater flexibility, scalability, and improved realism, with support for Microsoft® DirectX 10.

**Q: What is Dual-Channel Memory?**

A: Dual-channel mode is enabled when identical matched memory modules are installed in each of the two memory channels, allowing for higher throughput and reduced latency.

**Q: What advantage do I get from the 1333 FSB?**

A: The 1333 FSB (front side bus) allows for compatibility with the latest Intel® processors including the new 45nm CPU's.

**Q: Whom should I contact for support?**

A: Call Howard for world-class support and service if there are any questions about the desktop. Customer support is available:  
 Online at <http://www.howardcomputers.com/support>,  
 By phone at 1.888.323.3151,  
 Via email at [tech@howardcomputers.com](mailto:tech@howardcomputers.com), or  
 Through conventional mail at Howard Technology Solutions,  
 36 Howard Drive, Ellisville, Mississippi 39437.



## Experience the Howard advantage.

### Product Upgrades

Enhance your purchase with any or all of the following products or services. And feel free to contact us toll free at 888-912-3151 to discuss any questions or your specific needs!

- Dual monitors
- Wireless keyboard and mouse
- Wireless networking
- On-site service

### Warranty & Support

- Howard Technology Solutions' standard warranties apply.
- **FREE** customer and technical support to purchaser via telephone or web for the life of the system.
- Expedite your troubleshooting process by participating in our Howard Technical Partnership Program (HTPP) which certifies your staff to perform basic hardware service and support. Contact us today for more information.